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ABSTRACT

The 27 tests included in this bibliography may be used for the assessment of knowledge of the metric system, metric vocabulary, and metric geometry. Many of the tests are diagnostic and several tests target special needs students with learning problems. Although the tests include all age groups, grades 4-8 are particularly heavily represented. Each test citation may include the following data elements: AN (a six-digit identification number assigned by the Test Collection); TI (name of the instrument); DT (components within the overall test that assess particular skills or factors); AU (personal or institutional author); YR (year in which the test was published or copyrighted); AV (test publisher or distributor); GL (list of grades for which the test is suitable); TG (list of ages for which the test is suitable); and AB (a description of the test and its purpose). (HAC)

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ETS TEST COLLECTION

ANNOTATED BIBLIOGRAPHY OF TESTS

METRIC SYSTEM

ED 366 603

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EDUCATIONAL TESTING SERVICE
PRINCETON, NJ 08541

METRIC SYSTEM
DECEMBER 1987

INTRODUCTION

Scope of Bibliography

The instruments in this bibliography may be used for the assessment of knowledge of the metric system, metric vocabulary, and metric geometry. Instruments are suitable for children in kindergarten through grade 12, as well as adults. Some measures are designed for learning disabled persons. Several instruments in this listing are diagnostic measures.

Availability

Copies of the tests described on the following pages must be obtained directly from the publisher, as stated in the AV AVAILABILITY section of each test citation. Generally, the Test Collection does not have distribution rights for its holdings. However, in special instances, the Test Collection has been granted permission from individual authors to distribute their tests, which are primarily research instruments. The AV AVAILABILITY information for these instruments will be Tests in Microfiche, Test Collection, Educational Testing Service, Princeton, NJ 08541.

Guide to Citation Elements

The following is a guide to the various elements which may be present in a test citation:

AN - Six-digit identification number assigned by the Test Collection

TI - Name of the instrument

DT - Components within the overall test which assess particular skills or factors

AU - Personal or institutional author

YR - Year test was published or copyrighted

AV - Test publisher or distributor; the organization which sells or distributes the instrument

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GL - List of grades for which test is suitable

TG - List of ages for which test is suitable

AB - A description of the test and its purpose

AN ACCESSION NUMBER: TC830374 ETS 8502.
TI TITLE: Mathematics Topic Tests - Elementary Series: Operations with Decimals - Test 7.
AU AUTHOR: Morrison-Frances-C; Halpern-Gerald.
YR YEAR: 78.
AV AVAILABILITY: Guidance Centre, Faculty of Education, University of Toronto; 252 Bloor Street West, Toronto, Ontario M5S 2Y3; Canada.
GL GRADE LEVEL: 5; 6; 7; 8.
NT NOTES:
TIME: 40; approx.
ITEMS: 39.
AB ABSTRACT: Mathematics Topic Tests were developed as a series of tests in mathematics. Each test is devoted to a single topic and is designed for diagnostic use. Test 7 assesses knowledge of operations with decimals, problem solving, and meaning of operations.

AN ACCESSION NUMBER: TC830373 ETS 8502.
TI TITLE: Mathematics Topic Tests - Elementary Series: Measurement, Graphs, and Geometry - Test 6.
AU AUTHOR: Morrison-Frances-C; Halpern-Gerald.
YR YEAR: 78.
AV AVAILABILITY: Guidance Centre, Faculty of Education, University of Toronto; 252 Bloor Street West, Toronto, Ontario M5S 2Y3; Canada.
GL GRADE LEVEL: 5; 6; 7; 8.
NT NOTES:
TIME: 40; approx.
ITEMS: 33.
AB ABSTRACT: Mathematics Topic Tests were developed as a series of tests in mathematics. Each test is devoted to a single topic and is designed for diagnostic use. Test 6 assesses knowledge of measurement, graphs, and geometry.

AN ACCESSION NUMBER: TC830307 ETS 8502.
TI TITLE: Canadian Tests of Basic Skills: Metric Edition.
DT SUBTESTS: Vocabulary; Reading; Spelling; Capitalization; Punctuation; Usage; Map Reading; Reading Graphs and Tables; Use of Reference Material; Mathematical Concepts; Mathematical Problems.
AU AUTHOR: KIng-Ethel-M.
YR YEAR: 77.
AV AVAILABILITY: Nelson Canada Limited; 1120 Birchmount Road, Scarborough, Ontario M1K 5G4; Canada.
GL GRADE LEVEL: 3; 4; 5; 6; 7; 8.
NT NOTES:
TIME: 300; approx.
ITEMS: 374.
AB ABSTRACT: Forms 3M and 4M of the Canadian test battery, represent the Metric adaptation or revision of Forms 3 and 4. Content and scoring are nearly identical and the two editions may be used

interchangeably in the period of transition. There are six levels of tests designated to correspond roughly to chronological age. Levels facilitate individualized testing of pupils at different levels of development in the same classroom. The level assigned to each pupil should be relevant to his needs, abilities, and stage of development. Achievement test results from the previous year may be used as a partial guide, adding an increment representing the estimated growth for assigning test levels. Therefore, a gradual transition from a graded testing program to an individualized program is accomplished.

AN ACCESSION NUMBER: TC810502 ETS 8502.
TI TITLE: Clerical Test 2: Arithmetic, Form M.
DT SUBTESTS: Computation; Arithmetical Problems.
AU INSTITUTIONAL AUTHOR: Educational and Industrial Test Services, Hempstead (England).
YR YEAR: 80.
AV AVAILABILITY: Educational and Industrial Test Services, Ltd.; 83 High Street, Hemel Hempstead, Hertfordshire HP1 3AH, England.
TG TARGET AUDIENCE: Adults.
NT NOTES: See also Clerical Test 1: Speed and Accuracy (TC 810 501) and Clerical Test 3: Spelling, Grammar, Language (TC 810 503).
TIME: 10.
ITEMS: 50.
AB ABSTRACT: Test is used to assess a person's skills in ordinary arithmetical processes and ability to apply these skills to ordinary, everyday problems. Two forms of the test are available: Form M in metric terms and Form I in imperial terms. Useful with those in clerical occupations which include routine accounts work, data checking, shop work, etc. Also useful as a screening device for a wide variety of occupations which require a certain level of arithmetic skill. One of a series of tests, which measure basic skills and aptitudes necessary for routine clerical, office and commercial occupations.

AN ACCESSION NUMBER: TC810488 ETS 8502.
TI TITLE: NIIP Engineering Arithmetic Test, EA 2A and EA4.
AU INSTITUTIONAL AUTHOR: National Institute of Industrial Psychology, London (England).
AV AVAILABILITY: NFER-Nelson Publishing Company; Darville House, 2 Oxford Road East, Windsor, Berkshire SL4 1DF, England.
TG TARGET AUDIENCE: AGE 15-17, Adults.
NT NOTES:
TIME: 20.
ITEMS: 49.
AB ABSTRACT: Timed, group administered instrument designed to test the attainment in mathematics for those entering the work field, high school dropouts and graduates, or those considering a career change. Used in the selection of suitable courses, apprenticeships and occupations. Test EA2A (49 items) uses imperial measures while Test

EA4 measures knowledge in metric system. One of the tests included in the Engineering Apprentice Selection Battery (TC 810481). Includes items using square roots and percentages. Restricted distribution.

AN ACCESSION NUMBER: TC810371 ETS 8502.
TI TITLE: Graded Arithmetic-Mathematics Test: Metric Edition (Senior).
AU AUTHOR: Vernon-P-E; Miller-K-M.
YR YEAR: 76.
AV AVAILABILITY: Hodder And Stoughton Educational; P.O. Box 702; Mill Road, Dunton Green, Sevenoaks, Kent TN13 2YD, England.
TG TARGET AUDIENCE: AGE 11-17, Adults.
NT NOTES:
TIME: 30; approx.
ITEMS: 65.
AB ABSTRACT: To measure achievement level of mathematics. An oral version exists for students with limited reading ability. Frequently used for assessing the attainment of individual retarded or problem students by educational psychologists; and for grading the mathematical competence of English school dropouts on entry to technical courses. It could also be used as a screening device for first year college students. A Junior Form for ages 6-12 is also available (TC810370).

AN ACCESSION NUMBER: TC810370 ETS 8502.
TI TITLE: Graded Arithmetic-Mathematics Test: Metric Edition (Junior).
AU AUTHOR: Vernon-P-E; Miller-K-M.
YR YEAR: 76.
AV AVAILABILITY: Hodder And Stoughton Educational; P.O. Box 702; Mill Road, Dunton Green, Sevenoaks, Kent TN13 2YD, England.
TG TARGET AUDIENCE: AGE 6-12.
NT NOTES:
TIME: 30; approx.
ITEMS: 70.
AB ABSTRACT: To measure competency in mathematics. An oral version exists for students with limited rading ability. Frequently used for assessing the attainment of individual retarded or problem students by educational psychologists; and for grading the mathematical competence of English school dropouts on entry to technical courses. A senior form (TC810371) is also available for ages 11-18.

AN ACCESSION NUMBER: TC810345 ETS 8502.
TI TITLE: Mathematics Attainment Test DE1.
AU INSTITUTIONAL AUTHOR: National Foundation for Educational Research In England and Wales, London.
YR YEAR: 71.
AV AVAILABILITY: NFER-Nelson Publishing Co.; Darville House, 2 Oxford Road East, Windsor SL4 1DF, Berkshire, England.

TG TARGET AUDIENCE: AGE 10-12.
NT NOTES:
TIME: 50; approx.
ITEMS: 45.
AB ABSTRACT: Designed to measure a student's understanding of mathematical operations and concepts and has almost no mechanical computation. Though not timed, most students complete it in 50 minutes or less. Items have been adapted to include decimalisation and metrication.

AN ACCESSION NUMBER: TC013466 ETS 8502.
TI TITLE: Diagnostic Screening Test: Math, Third Edition, Revised.
DT SUBTESTS: Money; Time; Per Cent; U.S. Measurement; Metric; Addition; Subtraction; Multiplication; Division.
AU AUTHOR: Gnagey-Thomas-D.
YR YEAR: 80.
AV AVAILABILITY: Slosson Educational Publications; P.O. Box 280; East Aurora, NY 14052.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10.
NT NOTES:
TIME: 20; approx.
ITEMS: 73.
AB ABSTRACT: Designed to assess basic computational skills as well as knowledge of percent metric measurement, money, and time. Yields a grade equivalent score. Forms A and B are available.

AN ACCESSION NUMBER: TC013342 ETS 8502.
TI TITLE: Criterion Referenced Curriculum: Mathematics Assessment.
AU AUTHOR: Stephens-Thomas-M.
YR YEAR: 82.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antonio, TX 78204-0952.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6.
NT NOTES: See also Criterion-Referenced Curriculum: Reading Assessment (TC 013341).
ITEMS: 378.
AB ABSTRACT: The Criterion-Referenced Curriculum is a comprehensive system of criterion-referenced tests and teaching strategies organized by objective sequences in mathematics. It is designed specifically for remedial and special education classes K-6 and includes virtually all of the basic mathematics ojectives which normally achieving students are expected to master during the first three to four years of elementary school. Major categories in mathematics include numbers, numerals and numeration systems, operations and their properties, sets, measurements, and metric skills and concepts.

AN ACCESSION NUMBER: TC013012 ETS 8502.
TI TITLE: National Assessment of Educational Progress, Released Exercises: Mathematics.
DT SUBTESTS: Mathematics in School; Mathematics and Oneself; Mathematics and Society; Mathematics as a Discipline; Experiences in Mathematics; Mathematical Process; Content.
AU INSTITUTIONAL AUTHOR: Education Commission of the States, Denver, CO.
YR YEAR: 83.
AV AVAILABILITY: National Assessment of Educational Progress; Box 2923; Princeton, NJ 08541.
TG TARGET AUDIENCE: Older Adults.
NT NOTES:
ITEMS: 227.
AB ABSTRACT: Contains items used in the National Assessment of Educational Progress (NAEP), which conducts yearly surveys of the knowledge, skills and attitudes of individuals aged 9, 13, 17 and 26-35. All items are in the public domain and may be used to build customized tests. Areas covered are: attitudes toward math; perceptions of self in relation to math, including math anxiety and motivation; attitudes toward the usefulness and importance of math; views of mathematics as a discipline and process; experience with metric system, calculators, computers. Content areas are numbers, numeration, algebra, trigonometry, geometry measurement, probability, and statistics, use of calculator, computer literacy. Not all exercises are used with all age groups.

AN ACCESSION NUMBER: TC012700 ETS 8502.
TI TITLE: Criterion-Referenced Metrics Tests.
AU INSTITUTIONAL AUTHOR: North Carolina State Dept. of Public Instruction, Raleigh Div. of Development.
YR YEAR: 77.
AV AVAILABILITY: ERIC Document Reproduction Service; 3900 Wheeler Ave., Alexandria, VA 22304-5110 (ED 160 387; 33 pages).
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8.
NT NOTES: See also: Metrics: Materials Evaluation Forms (TC 012 699).
AB ABSTRACT: This is an extensive list of criterion referenced metric test items for use by educators in levels K-8. The items are referenced to the goals and behavioral objectives in the Winston-Salem/Forsyth County School System. Each test item is labeled according to grade level, broad goal, and behavioral objective. Questions for the kindergarten level are designed for a one-to-one setting. There are two choices for each item. At levels 1 and 2, the teacher reads each item aloud; the students mark their own papers. Again there are two choices. For children who can read with average skill in levels 3 to 8, a written test is given with three choices at levels 3 and 4, and four choices at levels 5 though 8. If reading level warrants, the teacher may read aloud and/or use transparencies.

AN ACCESSION NUMBER: TC012699 ETS 8502.
TI TITLE: Metrics: Materials Evaluation Forms.
AU INSTITUTIONAL AUTHOR: North Carolina State Dept. of Public Instruction, Raleigh Div. of Development.
YR YEAR: 76.
AV AVAILABILITY: ERIC Document Reproduction Service; P.O. Box 190; Arlington, VA 22210 (ED 160 388; 13 pages).
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8.
NT NOTES: See also: Criterion-Referenced Metrics Test (TC 012 700).
AB ABSTRACT: The three evaluation forms are: 1) field test materials evaluation form, (2) student materials evaluation form, and (3) composite materials evaluation form. The forms are used by the Winston-Salem/Forsyth County School System in conjunction with their metric education project materials. The questions in these forms are phrased so they can be used in evaluating a variety of instructional materials.

AN ACCESSION NUMBER: TC012584 ETS 8502.
TI TITLE: Life Science Test: Level 7.
AU INSTITUTIONAL AUTHOR: Portland Public Schools, Maine.
AV AVAILABILITY: Jim Watkins; Dept. of Evaluation & Data Management, Portland Public Schools, 331 Veranda St., Portland, ME 04103.
GL GRADE LEVEL: 7.
NT NOTES:
TIME: 40.
ITEMS: 43.
AB ABSTRACT: Designed to assess knowledge of life science concepts and study skills. Measures knowledge of plant and animal life, use of microscope, and metric system.

AN ACCESSION NUMBER: TC011925 ETS 8311.
TI TITLE: Brigance Diagnostic Comprehensive Inventory of Basic Skills.
DT SUBTESTS: Readiness; Speech; Word Recognition Grade Placement; Oral Reading; Reading Comprehension; Listening; Functional Word Recognition; Word Analysis; Reference Skills; Writing; Math Grade Placement; Numbers; Number Facts; Computation of Whole Numbers; Fractions and Mixed Numbers; Decimals; Percents; Word Problems; Graphs and Maps; Spelling; Metrics; Math Vocabulary.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 83.
AV AVAILABILITY: Curriculum Associates; 5 Esquire Road, North Billerica, MA 01862-2589.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
AB ABSTRACT: Designed primarily for use in elementary and middle schools and is of value for those school programs which emphasize individualized instruction and which serve students with special needs. Inventory contains 203 skill sequences to be assessed in the areas of reading, listening, research and study skills, spelling, language and mathematics. Forms A and B are available for 51 of the skill sequences. Inventory may be used as an assessment instrument for screening and diagnostic purposes, as an instructional guide for educational objectives, a record-keeping and tracking system, a tool to develop and communicate individualized instructional plans, and as a resource for curriculum and staff development.

AN ACCESSION NUMBER: TC011780 ETS 8311.
TI TITLE: Multilevel Academic Skill Inventory: Math Component.
DT SUBTESTS: Computation Survey; Application Survey.
AU AUTHOR: Hovell-Kenneth-W; And Others.
YR YEAR: 82.
AV AVAILABILITY: The Psychological Corporation; 555 Academic Court, San Antionio, TX 78204-0952.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8.
AB ABSTRACT: Designed to aid teachers in identification of individual student needs in areas of basic math skills. The Computation section assesses addition, subtraction, multiplication, division, fractions, decimals, ratios, and percent. The application section assesses areas of time and temperature, money, geometry, customary measurement, metric measurement, and problem solving. Useful with remedial and mildly handicapped students.

AN ACCESSION NUMBER: TC010893 ETS 8311.
TI TITLE: Brigance Diagnostic Inventory of Essential Skills.
DT SUBTESTS: Reading; Language Arts; Mathematics; Life Skills.
AU AUTHOR: Brigance-Albert-H.
YR YEAR: 81.
AV AVAILABILITY: Curriculum Associates, Inc.; 5 Esquire Rd., North Billerica, MA 08162.
GL GRADE LEVEL: 4; 5; 6; 7; 8; 9; 10; 11; 12.

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NT NOTES:
ITEMS: 3887.
AB ABSTRACT: Criterion-referenced measure designed for use with special needs students in secondary programs for assessment, diagnosis, record keeping and instructional planning. Covers basic academic and applied skills relevant to functioning as citizen, consumer, worker and family member. Ten rating scales cover traits, behaviors, attitudes and skills.

AN ACCESSION NUMBER: TC009911 ETS 8311.
TI TITLE: Criterion-Referenced Test: MGS/CRTest Eastern Navajo Agency, Level J.
DT SUBTESTS: Language Arts; Mathematics; Science; Social Studies.
AU AUTHOR: Dougherty-Don; And Others.
YR YEAR: 78.
AV AVAILABILITY: Tests in Microfiche; Test Collection, Educational Testing Service, Princeton, NJ 08541.
GL GRADE LEVEL: 8.
NT NOTES: See also Levels B-H (TC009903-009910).
ITEMS: 49.
AB ABSTRACT: Developed for use in instructional planning, diagnosis and remediation, this series covers grades K-8 and is designed to measure Navajo student progress in the achievement of minimum grade standards (MGS) in basic skills. Level J covers: language arts, skimming, vocabulary, literary forms, comprehension, analysis, writing letters, job applications; mathematics, operations, geometry, operations with fractions, decimals, percent, metrics, problems; science, chemistry, machines, electricity, weather, pollution, first aid; social studies, tribal history and services, government, consumer education. This test is untimed.

AN ACCESSION NUMBER: TC009751 ETS 8311.
TI TITLE: SCORE Criterion Referenced Testing Service.
DT SUBTESTS: Reading Readiness; Sound/Symbol Relationship; Word Meaning and Structure; Reading Comprehension, Gr. 1-2; Reading Comprehension and Interpretation, Gr. 3-8; Analysis and Classification of Written Materials; Oral Communication; Study Skills; Capitalization; Punctuation; Spelling; Parts of Speech; Usage; Sentence Patterns, Types, and Components; Transformational Grammar; Writing Skills; Reading Comprehension and Interpretation; Content Area E; Numbers & Numeration; Whole Numbers; Operations Whole Numbers; Addition; Operations Whole Numbers; Subtraction; Operations Whole Numbers; Multiplication; Operations Whole Numbers; Division; Number Theory; Fractions and Mixed Numbers; Decimal Fractions; Ratio, Proportion and Percent; Number Phrases, Sentences; Equations and Inequalities; Measurement; Nonmetric Geometry; Metric Geometry; Coordinate Geometry; Integers; Probability; Graphs and Statistics; Real Numbers; Logical Thinking.
YR YEAR: 77.

AV AVAILABILITY: Riverside Publishing Company; 8420 Bryn Mawr Avenue Chicago, IL 60631.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8.
NT NOTES:
TIME: 40; Approx.
ITEMS: 1488.
AB ABSTRACT: Criterion Referenced Tests in Reading/Language Arts and Mathematics development according to determination of educational objectives from the SCORE item bank.

AN ACCESSION NUMBER: TC009681 ETS 8311.
TI TITLE: DST: Math; Diagnostic Screening Test.
DT SUBTESTS: Basic Processes Section; Specialized Section.
AU AUTHOR: Gnagey-Thomas-D.
YR YEAR: 79.
AV AVAILABILITY: Facilitation House; Box 11; Ottawa, IL 61350.
GL GRADE LEVEL: 1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11.
NT NOTES:
ITEMS: 72.
AB ABSTRACT: Covers basic computational skills, money, time, percent, U.S. measurement, metric measurement.

AN ACCESSION NUMBER: TC008800 ETS 8311.
TI TITLE: IOX Measurable Objectives Collections: Metric Measurement, Kindergarten-Grade 8.
DT SUBTESTS: Preparing to Use the Metric System; Measurement; Geometry; Using the Metric System.
AU INSTITUTIONAL AUTHOR: Instructional Objectives Exchange, Los Angeles, Calif.
YR YEAR: 77.
AV AVAILABILITY: IOX Assessment Association; Box 24095-M, Los Angeles, CA 90024.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8.
AB ABSTRACT: Objectives in collection cover measurement in metric units of length, perimeter area, volume, capacity, weight, and temperature in addition to sections which deal with preparing to use metric system, thinking metric, and converting from the English to the Metric system.

AN ACCESSION NUMBER: TC008347 ETS 8311.
TI TITLE: Key Math Diagnostic Arithmetic Test: Metric Supplement
AU AUTHOR: Connolly-Austin-J.
YR YEAR: 76.
AV AVAILABILITY: American Guidance Service; Publishers' Building, Circle Pines, MN 55014.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6.
NT NOTES: See also Key Math Diagnostic Arithmetic Test (TC006763).
TIME: 40; approx.
ITEMS: 31.

AB ABSTRACT: Designed to assess student progress in metric measurement. May be used with Keymath Diagnostic Arithmetic Test. Items cover five instructional clusters: linearity, mass, capacity, area, and temperature. Especially useful for diagnosing academic deficits in children with learning disabilities. No upper age limit for remedial use.

AN ACCESSION NUMBER: TC007998 ETS 8311.
TI TITLE: Diagnostic Mathematics Inventory: Level G/Brown.
AU AUTHOR: Gessel-John.
YR YEAR: 75.
AV AVAILABILITY: CTB/McGraw Hill; Del Monte Research Park, Monterey, CA 93940.
GL GRADE LEVEL: 7; 8.
NT NOTES:
TIME: 110; approx.
ITEMS: 179.
AB ABSTRACT: Untimed, criterion-referenced test designed to measure a student's attainment of specific objectives in the elementary mathematics curriculum, to measure a student's mathematical knowledge, and to evaluate and diagnose his specific weaknesses. Includes fractions; decimal numbers; negative integers; commutative, associative property, and distributive properties; identity element; inverse relations; rounding and estimation; sequences; missing addends; missing factors; number theory; metric geometry; graph reading; measurement; non-metric geometry; map-reading; place value; roman numerals; per cent and averages; sets; problem solving; applications and inequalities. Test packet includes 1) test itself (to be administered in 6 sessions); and 2) practice exercises. Revision of the Prescriptive Mathematics Inventory.

AN ACCESSION NUMBER: TC007997 ETS 8311.
TI TITLE: Diagnostic Mathematics Inventory: Level F/Purple.
AU AUTHOR: Gessel-John.
YR YEAR: 75.
AV AVAILABILITY: CTB/McGraw Hill; Del Monte Research Park, Monterey, CA 93940.
GL GRADE LEVEL: 6; 7.
NT NOTES: See also Diagnostic Mathematics Inventory: Interim Evaluation Tests, Level F/Purple (TC009220).
TIME: 300; approx.
ITEMS: 163.
AB ABSTRACT: Untimed, criterion-referenced test designed to measure a student's attainment of specific objectives in the elementary mathematics curriculum, to measure a student's mathematical knowledge, and to evaluate and diagnose his specific weaknesses. Includes work with whole numbers, fractions, and decimals; operations with negative integers; commutative, associative, distributive properties; identity element and inverse relations; rounded numbers and estimation; number sequences; primes,

composites, and factors; metric geometry; linear measure; weight and liquid measure; temperature and time; points, segments, lines, and rays; plane figure; solid figures; symmetry, maps, and coordinates; roman numerals, place value; per cent and average; and sets. Test packet includes 1) test itself (to be administered in 6 sessions); 2) practice exercises; and 3) a representative Interim Evaluation Test (for complete set, see TC009220). Revision of the Prescriptive Mathematics Inventory.

AN ACCESSION NUMBER: TC007995 ETS 8311.
TI TITLE: Diagnostic Mathematics Inventory: Level D/Orange.
AU AUTHOR: Gessel-John.
YR YEAR: 75.
AV AVAILABILITY: CTB/McGraw Hill; Del Monte Research Park, Monterey, CA 93940.
GL GRADE LEVEL: 4; 5.
NT NOTES: See also Diagnostic Mathematics Inventory: Interim Evaluation Tests, Level D/Orange (TC08572).
TIME: 250; approx.
ITEMS: 87.
AB ABSTRACT: An untimed, criterion-referenced test designed to measure a student's attainment of specific objectives in the elementary mathematics curriculum, to measure a student's mathematical knowledge and to evaluate and diagnose his specific weaknesses. Includes arithmetic, fractions, addition and subtraction of decimal numbers with and without regrouping, commutative, associative, distributive properties, identity element, inverse relations, number sequences, inequalities, metric geometry, linear measure, money, weight and liquid measure, temperature and time, segments, lines, ray, place value, and expanded notation. Test packet includes 1) the test itself--to be administered in five sessions of about 45 minutes each); 2) practice exercises (to be given before the actual test as practice) and 3) a representative Interim Evaluation Test (for complete set, see TC008572). Revision of the Prescriptive Mathematics Inventory.

AN ACCESSION NUMBER: TC006941 ETS 8311.
TI TITLE: IOX Measurable Objectives Collections: Math-Figure and Object Characteristics, Kindergarten-Grade 9.
DT SUBTESTS: Measurement; Geometry.
AU INSTITUTIONAL AUTHOR: Instructional Objectives Exchange, Los Angeles, Calif.
YR YEAR: 72.
AV AVAILABILITY: IOX Assessment Association; Box 24095-M, Los Angeles, CA 90024.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6; 7; 8; 9.
AB ABSTRACT: Objectives are arranged in sequential order of difficulty within each major heading. Various aspects of measurement are measured including the metric system. The geometry section includes

properties of points, plane curves, planes, plane closed figures, specific plane geometric figures, performing geometric constructions and properties of geometric solids.

AN ACCESSION NUMBER: TC006763 ETS 8311.
TI TITLE: Key Math Diagnostic Arithmetic Test.
DT SUBTESTS: Numeration; Fractions; Geometry and Symbols; Addition; Subtraction; Multiplication; Division; Mental Computation; Numerical Reasoning; Word Problems; Missing Elements; Money; Measurement; Time.
AU AUTHOR: Connolly-Austin-J; And Others.
YR YEAR: 76.
AV AVAILABILITY: American Guidance Service, Inc.; Publishers' Building, Circle Pines, MN 55014.
GL GRADE LEVEL: K; 1; 2; 3; 4; 5; 6.
NT NOTES: See also Key Math Diagnostic Arithmetic Test; Metric Supplement (TC008347).
TIME: 30; approx.
AB ABSTRACT: Provides a comprehensive assessment through fourteen subtests covering three basic areas - Content, Operations, and Applications. There are a total of 209 items. However, the test is individually administered so that the examiner uses only those items which are of appropriate difficulty for the student being tested. The optional Key Math supplement assesses progress in metric measurement. Thirty-one test items cover the categories of linearity, mass capacity, area, and temperature. Especially useful for diagnosing academic deficits in learning disability children. No upper age limit for remidial use.